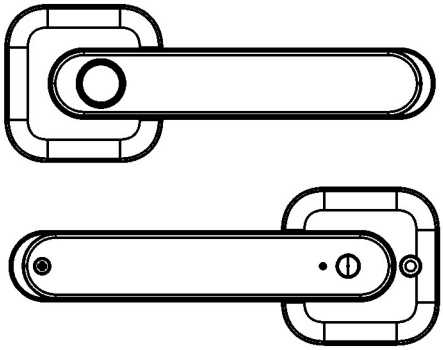


User Operation Instructions for Smart Lock

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Functions & Specifications

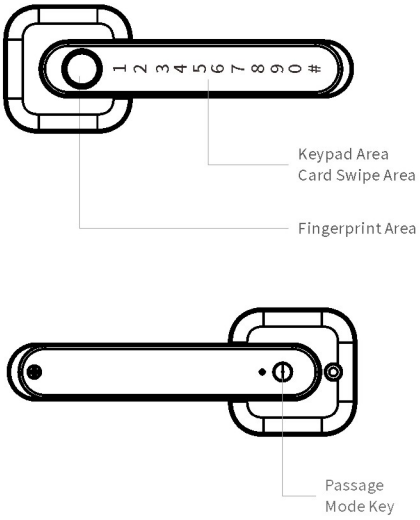
1. Functions & Features

- Supports fingerprint, password, IC card, NFC and Bluetooth unlocking.
- Adopts low-power Bluetooth technology; unlock and user management
- are available via mobile APP.- Supports anti
- peep virtual password to avoid password leakage from bystander snooping.
- Real-time battery monitoring with low-battery reminder.- Equipped with passage mode and electronic deadlock function, suitable for various application scenarios.

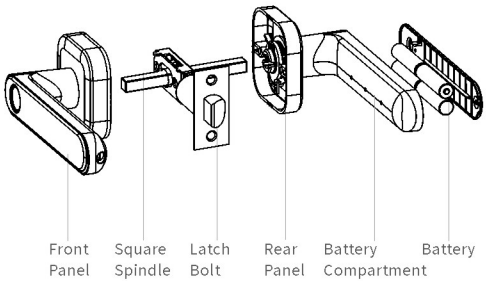
2. Specifications

Power Supply	4 pcs Alkaline Dry Batteries
Low-voltage Threshold	<4.8V
Emergency Power	5V (TYPE-C USB)
Quiescent Current	<50uA
Operating Current	<200mA
Communication	Bluetooth BLE 4.1
Keypad	Capacitive Touch 11-key (0-9, #)
Keypad Backlight	White Light
Max. User Capacity	250 (Fingerprint + Password + Card)
Fingerprint Capacity	100 (Determined by fingerprint module)
Fingerprint Type	Semiconductor Fingerprint Module
Card Type	Mifare M1 Card / Mobile NFC Card
Operating Temperature	-20°C~65°C
Operating Humidity	10%~90%, non-condensing
ESD Resistance	Contact Discharge +8kV, Air Discharge +15kV

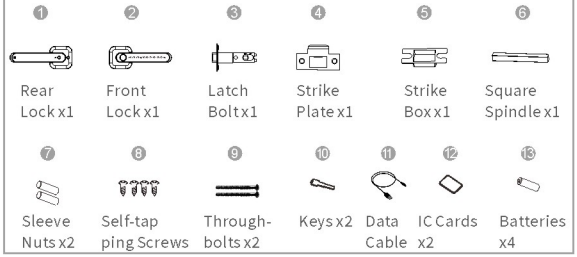
Product Overview



Lock Diagram



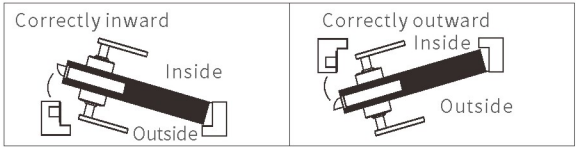
1.Accessories



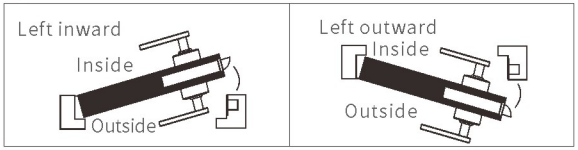
Lock Installation Guide

1. Door Opening Direction

① Turn the right handle open

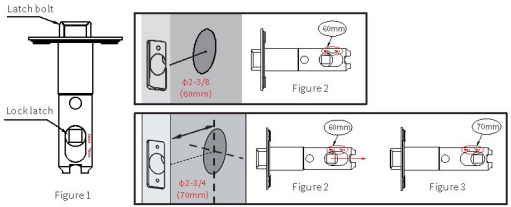


② Turn the left handle open



3. Measurement and Adjustment of Lock Tongue Length

When installing the lock, adjust the length according to the actual door distance as follows:
1. Adjust the latch to a distance of 60-70 millimeters (Figure 3)



Note: After installation, ensure the square hole is horizontal

3. Pre-installation Preparation



Take out the sleeve nuts. Align the threaded end with the two pillar holes on the back of the front lock, and screw in by hand.



Tighten further with pliers.



Route the front-lock power cable through the square spindle.



Fully insert the square spindle into the center of the front-lock precision casting part.



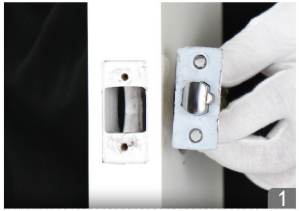
Unscrew the fixing screws of the rear-lock back cover and remove the back cover.

4. Install Strike Box / Strike Plate



Install the strike box / strike plate and fasten the fixing screws.

5. Install Latch Body



The door shown is right-hand outward opening. The bevel side of the latch bolt shall face inward.



Place the latch body into the door -frame recess and tighten the fixing screws.



After installation, make sure the cylinder is centered within the cylinder hole on the door.



Route the power cable through the central square hole of the rear-lock precision casting part, align with the square spindle and fit against the inner side of the door panel.

6. Full Assembly of Front & Rear Lock



Mount the front lock. Pass the power cable and square spindle together through the square hole of the latch bolt, then fit the panel flush against the door surface.



Align the through-bolts with the sleeve nuts of the front lock and screw in to secure the rear lock, leave proper clearance.



Keep the front handle and rear handle horizontally level, then tighten the through-bolts.



Align the power-cable connector with the internal socket on the rear-lock cover. (Note: Do not insert the connector crookedly or incompletely.)



Insert four AA batteries according to positive and negative polarity marks.



Fit the rear-lock cover into place and fasten the screws.



Press and hold the “SET” button for 5 seconds to perform factory reset.



Installation Completed.

Product Functions & Operations

1. Restore Factory Defaults

1)Press the SW1 unlock key for 3 seconds to restore the lock to factory defaults.
2)Under factory-default status, any fingerprint, password longer than 6 digits or card can unlock the door.

2. Add User

10# → Verify Administrator → Add User

1)Under factory-default status, administrator verification is not required; you may proceed directly to add-user operation.
2)The first 3 added users are administrators (ID: 000-002); all other users are ordinary users.
3)Valid password length: 6-10 digits. Enter the identical password twice to complete addition.
4)Place the fingerprint 6 times consecutively to complete fingerprint enrollment.
5)Upon successful addition, the system automatically enters the mode for adding the next user.
6)If addition fails, the system exits add-user mode and goes to sleep.

3. Delete User

20# → Verify Administrator → Enter User-ID to Delete + `#`

1) Under factory-default status, administrator verification is not required; you may proceed directly to delete-user operation.
2) The first administrator (ID: 000) cannot be deleted. Deletable user IDs: 001-249.
3) Enter the target user ID, press `#` to confirm deletion, then the system auto-sleeps.

4. Volume Setting

31# → Verify Administrator → 3-High Volume / 2-Medium Volume / 1-Low Volume / 0-Mute

1) Under factory-default status, administrator verification is not required; you may proceed directly to volume-setting operation.
1) Only keys 1, 2, 3 and 0 are valid in volume-setting interface; other keys will not respond.
1) After volume selection, the system auto-sleeps

5. Pass-through Mode Setting

1) After unlocking with valid user credentials, keys 5 and # light up. Input 5 then # before lights go out to enter pass-through mode.
2) In pass-through mode, input any valid user credential to exit this mode.

6. Burn-in Operation

900# → Device Burn-in Mode

1) Input `900#` to enter burn-in mode when the lock is under factory-default status.
2) Burn-in mode is unavailable once an administrator has been registered.
3) Under burn-in mode, the system runs cyclic burn-in process. Fingerprint, keypad and card functions are disabled.
4) Power-cycle the device to exit burn-in mode.

7. Anti-lock Mode

1) Press SW2 to toggle anti-lock mode. One beep: anti-lock disabled; two beeps: anti-lock enabled.
2) Under anti-lock mode, only administrators can unlock. Ordinary users are denied access (indicated by pink LED on fingerprint sensor).

8. Low-voltage Warning & External Power Supply

1) When the lock battery runs low, five beeps will sound upon each unlock. Please replace batteries promptly.
2) If batteries are fully drained and unlock fails, use a 5V USB power source outside the door for emergency unlocking.
3) After emergency unlock, replace with new batteries before further operation

9. Wrong-attempt Alarm

After more than 5 consecutive invalid attempts, the system will lock out for 2 minutes. No operation will be accepted within this period.

10. Anti-peep Password

Example: for real password 123456, you may input 96581234562875. Random dummy digits can be added before and after the true password, then press `#` to confirm. Maximum input length: 24 digits.

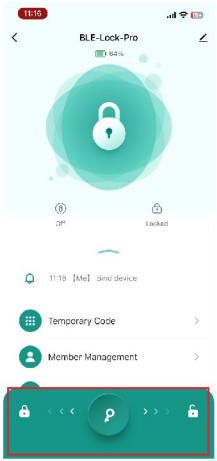
11. Mobile APP Connection

1) Download the “Tuya Smart” APP from app store, or scan the QR-code below to get the software.

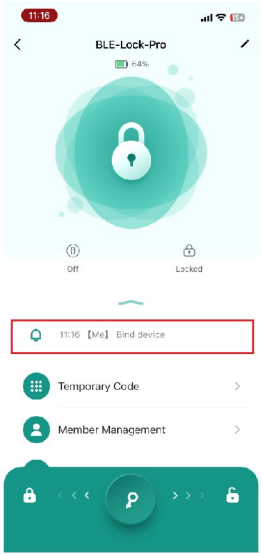
2) Add the lock when the device is powered on and no administrator has been registered. If an administrator already exists, the lock cannot be added; perform factory reset before pairing.
3) Launch the mobile APP; it will automatically discover the device. Tap to add it.
4) For Bluetooth-enabled locks, user configuration via mobile APP is recommended.
5) After Bluetooth connection, the first administrator can only be added through the mobile APP.

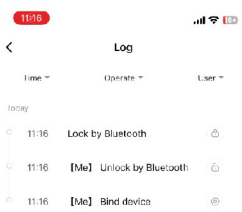
13. Mobile APP Functions

1) **Bluetooth Unlock / Lock**

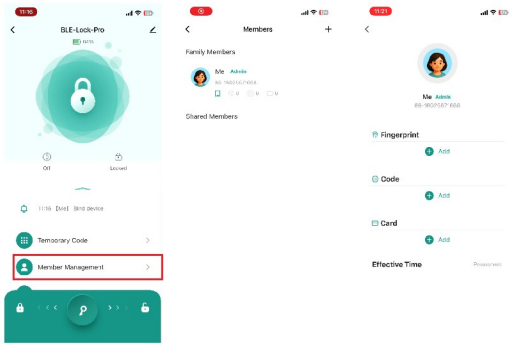


2) View Access Logs

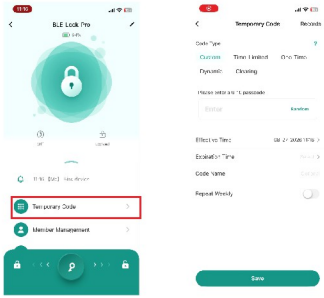




3) Member Management



4) Member Management



◆ Time-limited Password: Set valid start & end time; unlimited usage within the period.

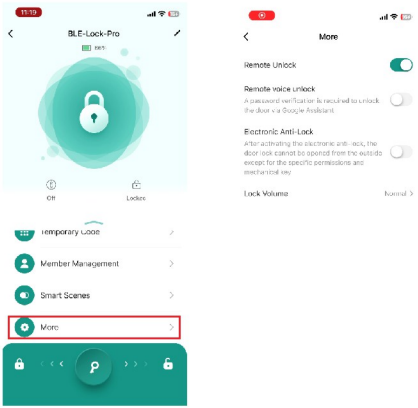
◆ One-time Password: Valid for 6 hours; can be used only once before expiration.

◆ Dynamic Password: Valid for 5 minutes; multiple usages allowed before expiration.

◆ Clear Passwords: Erase all configured time-limited passwords.

◆ Custom Password: Customize password value, valid duration and cycle repeat.
Setting available only when Bluetooth is connected to the lock.

5) More Settings



◆ Remote Unlock: Requires gateway to enable remote unlocking function.

◆ Electronic Deadbolt: Once enabled, only administrators are permitted to unlock from outside the door.

◆ Lock Volume: High / Normal / Low / Mute optional.